

Application Project

<120> Title : Alpha-2A-Adrenergic Receptor Polymorphisms

<130> AppFileReference : 13092

<140> CurrentAppNumber :

<141> CurrentFilingDate : ____-____-____

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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GGCGGCGCCC GGGCCACCCC TTA CTCCCTG CAGGTGACGC TGACGCTGGT GTGCCTGGCC 120
GGCCTGCTCA TGCTGCTCAC CGTGTTCCGC AACGTGCTCG TCATCATCGC CGTGTTACAG 180
AGCCGCGCGC TCAAGGCGCC CCAAAACCTC TTCTGGTGT CTCTGGCCTC GGCCGACATC 240
CTGGTGGCCA CGCTCGTCA TCCCTTTCTCG CTGGCCAACG AGGTCATGGG CTA CTGGTAC 300
TTCGGCAAGG CTTGGTGCGA GATCTACCTG GCGCTCGACG TGCTCTTCTG CACGTCGTCC 360
ATCGTGCAAC TGTGCGCCAT CAGCCTGGAC CGCTACTGGT CCATCACACA GGCCATCGAG 420
TACAACCTGA AGCGCACGCC GCGCCGCATC AAGGCCATCA TCATCACCGT GTGGGTCATC 480
TCGGCCGTCA TCTCCTTCCC GCCGCTCATC TCCATCGAGA AGAAGGGCGG CGGCGGCGGC 540
CCGAGCCGGG CAGAGGCCGA CTGCGAGATC AACGACCAGA AGTGGTACGT CATCTCGTCG 600
TG CATCGGCT CCTTCTTCGC TCCCTGCCTC ATCATGATCC TGGTCTACGT GCGCATCTAC 660
CAGATCGCCA AGCGTCGCAC CCGCGTGCCA CCCAGCCGCC GGGGTCCGGA CGCCGTCGCC 720
GCGCCGCGCG GGGGACCCGA GCGCAGGCCC AACGGTCTGG GCGCCGAGCG CAGCGCGGGC 780
CGGGGGGGCG CAGAGGCCGA ACCGCTGCCC ACCCAGCTCA ACGGCGCCCC TGCGGAGCCC 840
GCGCCGCGCG GGCCGCGCGA CACCGACGCG CTGGACCTGG AGGAGAGCTC GTCTTCCGAC 900
CACGCCGAGC GGCCTCCAGG GCCCGCAGAG CCCGAGCGCG GTCCCGGGGG CAAAGGCAAG 960
GCCCGAGCGA GCCAGGTGAA GCGCGGCGAC AGCCTGCCCG GCGCGGGGCG GGGGCGGACG 1020
GGGATCGGGA CGCCGGCTGC AGGGCCGGGG GAGGAGCGCG TCGGGGCTGC CAAGGCGTCG 1080
CGCTGGCGCG GGCGGCAGAA CCGCGAAG CGCTTACAGT TCGTGCTGGC CGTGGTCATC 1140
GGAGTGTTCC TGGTGTGCTG GTTCCCCTTC TTCTTACCT ACACGCTCAC GGCCGTCGGG 1200
TGCTCCGTGC CACGCACGCT CTTCAAATTC TTCTTCTGGT TCGGCTACTG CAACAGCTCG 1260
TTGAACCCGG TCATCTACAC CATCTTCAAC CACGATTTC GCGCGCCTT CAAGAAGATC 1320
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<212> Type : DNA

<211> Length : 1350

SequenceName : Sequence 1

SequenceDescription :

Custom Codon

Sequence Name : Sequence 1

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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GGCGGCGCCC GGGCCACCCC TTA CTCCCTG CAGGTGACGC TGACGCTGGT GTGCCTGGCC 120
GGCCTGCTCA TGCTGCTCAC CGTGTTCCGC AACGTGCTCG TCATCATCGC CGTGTTACAG 180
AGCCGCGCGC TCAAGGCGCC CCAAAACCTC TTCTGGTGT CTCTGGCCTC GGCCGACATC 240
CTGGTGGCCA CGCTCGTCA TCCCTTTCTCG CTGGCCAACG AGGTCATGGG CTA CTGGTAC 300
TTCGGCAAGG CTTGGTGCGA GATCTACCTG GCGCTCGACG TGCTCTTCTG CACGTCGTCC 360
ATCGTGCAAC TGTGCGCCAT CAGCCTGGAC CGCTACTGGT CCATCACACA GGCCATCGAG 420
TACAACCTGA AGCGCACGCC GCGCCGCATC AAGGCCATCA TCATCACCGT GTGGGTCATC 480
TCGGCCGTCA TCTCCTTCCC GCCGCTCATC TCCATCGAGA AGAAGGGCGG CGGCGGCGGC 540
CCGAGCCGGG CCGAGCCGCG CTGCGAGATC AACGACCAGA AGTGGTACGT CATCTCGTCG 600
TG CATCGGCT CCTTCTTCGC TCCCTGCCTC ATCATGATCC TGGTCTACGT GCGCATCTAC 660
CAGATCGCCA AGCGTCGCAC CCGCGTGCCA CCCAGCCGCC GGGGTCCGGA CGCCGTCGCC 720
GCGCCGCGCG GGGGACCCGA GCGCAGGCCC AAGGGTCTGG GCGCCGAGCG CAGCGCGGGC 780
CGGGGGGGCG CAGAGGCCGA ACCGCTGCCC ACCCAGCTCA ACGGCGCCCC TGCGGAGCCC 840
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CACGCCGAGC GGCCTCCAGG GCCCGCAGAG CCCGAGCGCG GTCCCGGGGG CAAAGGCAAG 960
GCCCGAGCGA GCCAGGTGAA GCGCGGCGAC AGCCTGCCCG GCGCGGGGCG GGGGCGGACG 1020
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CGCTGGCGCG GCGCGCAGAA CCGCGAGAAG CGCTTACAGT TCGTGCTGGC CGTGGTCATC 1140
GGAGTGTTCC TGGTGTGCTG GTTCCCCTTC TTCTTACCT ACACGCTCAC GGCCGTCGGG 1200
TGCTCCGTGC CACGCACGCT CTTCAAATTC TTCTTCTGGT TCGGCTACTG CAACAGCTCG 1260
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<212> Type : DNA

SequenceName : Sequence 2

SequenceDescription :

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PQPAEPRCEI NDQKWYVISS CIGSFFAPCL IMILVYVRIY QIAKRRTTRVP PSRRGPDAVA 240

HAERPPGPRR PERGPRGKGK ARASQVKPGD SLPRRGPAT GIGTPAAGPG EERVGAAKAS 360

LNPVIYTIFN HDFRRAFKKI LCRGDRKRIV 450

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<211> Length : 450
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SequenceName : Sequence 3

SequenceDescription :

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<400> PreSequenceString :
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PQPAEPRCEI NDQKWYVISS CIGSFFAPCL IMILVYVRIY QIAKRRTTRVP PSRRGPDAVA 240

HAERPPGPRR PERGPRGKGK ARASQVKPGD SLPRRGPGAT GIGTPAAGPG EERVGAAKAS 360

LNPVIYTIFN HDFRRAFKKI LCRGDRKRIV 450

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<211> Length : 450
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SequenceName : sequence_4
SequenceDescription :
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Sequence

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<400> PreSequenceString :
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<212> Type : DNA

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(111) Length : 22
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SequenceName : sequence_5
SequenceDescription :
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sequence description :

Custom Codon

[illegible]

Sequence

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<400> PreSequenceString :
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<212> Type : DNA

SequenceName : Sequence 6

SequenceDescription :

Sequence: 22521-22531 (10 nt)

Custom Codon

Sequence Name : Sequence 6

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
TCGTCATCAT CGCCGTGTTC
<212> Type : DNA
<211> Length : 20
SequenceName : Sequence 7
SequenceDescription :

20

Custom Codon

Sequence Name : Sequence 7

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
CGTACCACTT CTGGTCGTTG ATC
<212> Type : DNA
<211> Length : 23
SequenceName : Sequence 8
SequenceDescription :

23

Custom Codon

Sequence Name : Sequence 8

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
GCCATCATCA TCACCGTGTG GGTC
<212> Type : DNA
<211> Length : 24
SequenceName : Sequence 9
SequenceDescription :

24

Custom Codon

Sequence Name : Sequence 9

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
GGCTCGCTCG GGCCTGCCT TTG
<212> Type : DNA
<211> Length : 23
SequenceName : Sequence 10
SequenceDescription :

23

Custom Codon

Sequence Name : Sequence 10

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
GACCTGGAGG AGAGCTCGTC TT
<212> Type : DNA
<211> Length : 22
SequenceName : Sequence 11
SequenceDescription :

22

Custom Codon

Sequence Name : Sequence 11

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
TGACCGGGTT CAACGAGCTG TTG
<212> Type : DNA
<211> Length : 23
SequenceName : Sequence 12
SequenceDescription :

23

Custom Codon

Sequence Name : Sequence 12

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
GCCACGCACG CTCTTCAAAT TCT
<212> Type : DNA
<211> Length : 23
SequenceName : Sequence 13
SequenceDescription :

23

Custom Codon

Sequence Name : Sequence 13

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
TTCCCTTGTA GGAGCAGCAG AC
<212> Type : DNA
<211> Length : 22
SequenceName : Sequence 14
SequenceDescription :

22

Custom Codon

Sequence Name : Sequence 14

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
TGTAACACGA CGGCCAGT
<212> Type : DNA
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SequenceName : Sequence 15
SequenceDescription :

18

Custom Codon

Sequence Name : Sequence 15

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
CAGGAAACAG CTATGACC
<212> Type : DNA
<211> Length : 18
SequenceName : Sequence 16
SequenceDescription :

18

Custom Codon

Sequence Name : Sequence 16

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